

1. Transverse weakened plane joints shall be constructed in new portland cement concrete pavement on the skewed offset, as shown, and spaced at successive repeated intervals of 3.6 m, 4.0 m, 4.3 m and 4.6 m, except for the first joint at pavement end anchors and structure approaches. The skewed offset shall be 1 to 6 and rotated counter clockwise.
2. New transverse weakened plane joints shall match the skewed offset and spacing of the adjacent existing weakened plane joints, as shown. Where the existing transverse weakened plane joint spacing exceeds 4.6 m, an additional transverse weakened plane joint shall be constructed equal distance between the existing joints.

3. Transverse contact (construction) joints, with the bars spaced as shown, shall be installed at the end of paving operations and elsewhere if ordered by the Engineer. Transverse contact (construction) joints shall be placed at least 1.5 m from any weakened plane joint.
4. Construct longitudinal weakened plane joints as shown in Section B-B when more than one lane or shoulder widths are placed at one time. If constructing one lane at a time, use longitudinal contact (construction) joint, as shown in Section A-A.
5. If fresh portland cement concrete is placed adjacent to existing portland cement concrete, the top surface of the existing portland cement concrete does not need to be rounded to 6 mm radius, as shown.



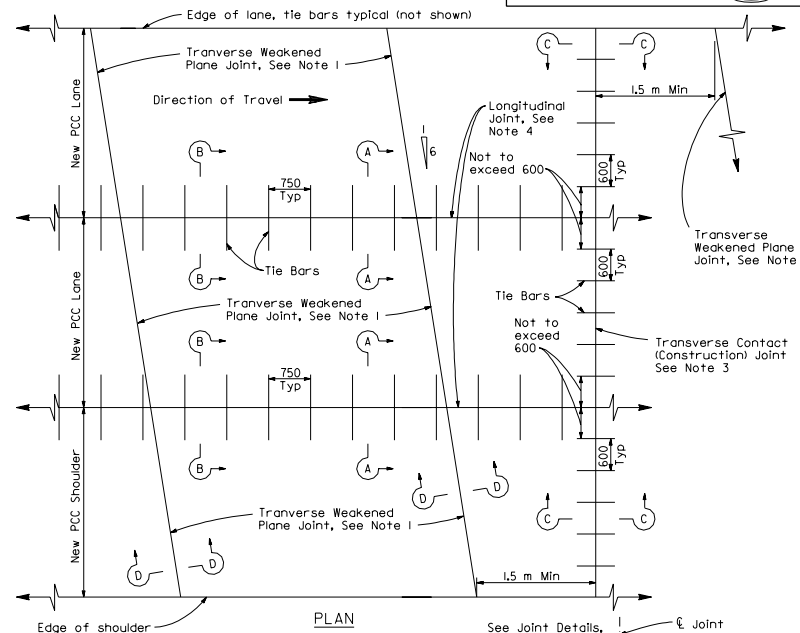
DIST	COUNTY	ROUTE	KILOMETER	POST	SHEET	TOTAL
				PROJECT	NO.	SHEET

*Kevin M. Morris*  
REGISTERED CIVIL ENGINEER

July 1, 1999  
PLANS APPROVAL DATE

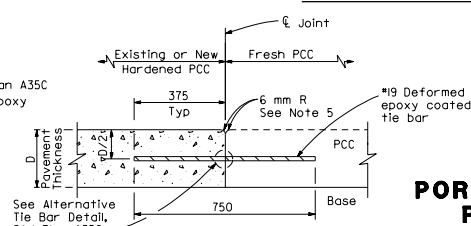
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED PROFESSIONAL ENGINEER  
No. 33657  
Exp. 6-30-00  
CIVIL  
STATE OF CALIFORNIA



PLAN  
LANE/SOULDER ADDITION OR RECONSTRUCTION

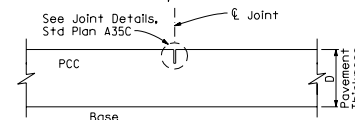
PLAN  
NEW CONSTRUCTION



SECTION A-A, TIE BAR DETAIL  
LONGITUDINAL CONTACT  
(CONSTRUCTION) JOINT

SECTION B-B, TIE BAR DETAIL  
LONGITUDINAL WEAKENED PLANE JOINT

SECTION C-C, TIE BAR DETAIL  
TRANSVERSE CONTACT  
(CONSTRUCTION) JOINT



SECTION D-D  
TRANSVERSE WEAKENED PLANE JOINT

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

## PORTLAND CEMENT CONCRETE PAVEMENT (UNDOWELED TRANSVERSE JOINTS)

NO SCALE

ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

**A 35 A**